

IN THE SPECIFICATION:

Please amend the Title of the Invention as follows:

**METHOD OF GLASS IDENTIFICATION METHOD DISCRIMINATION, AND GLASS
IDENTIFICATION DISCRIMINATION APPARATUS**

Please insert the following new paragraph after the Title and before the "TECHNICAL FIELD":

-- RELATED APPLICATIONS

This application is the U.S. National Phase under 35 U.S.C. § 371 of International Application No. PCT/JP2005/009349, filed on May 23, 2005, which in turn claims the benefit of Japanese Application No. 2004-157385, filed on May 27, 2004, the disclosures of which Applications are incorporated by reference herein. –

Please amend the paragraph beginning on page 2 at line 23 as follows:

The glass identification method pertaining to the first invention in the present invention glass identification method for recycling a target material that includes glass, comprising the steps of, irradiating the target material with X-rays to obtain a fluorescent X-ray spectrum for the target material, and identifying the type of glass included in the target material by analyzing and comparing the fluorescent X-ray spectrum group for a specific substance group with the fluorescent X-ray spectrum of the target material. The step of identifying Identifying the type of glass involves performing compositional analysis of the fluorescent X-ray spectrum of the target material and compositional analysis of the fluorescent X-ray spectrum group of the specific substance group, comparing the analysis results, and determining the degree of agreement.

Please amend the paragraph beginning on page 2 at line 32 and bridging page 3 as follows:

The glass identification method pertaining to the second invention is a glass identification method for recycling a target material that includes glass, comprising the steps of, irradiating the target material with X-rays to obtain a fluorescent X-ray spectrum for the target material, identifying the type of glass included in the target material by analyzing and comparing the fluorescent X-ray spectrum group for a

specific substance group with the fluorescent X-ray spectrum of the target material. ~~The step of identifying~~ Identifying the type of glass involves finding the difference between the fluorescent X-ray spectrum of the target material and the various spectra of the fluorescent X-ray spectrum group of the specific substance group, and determining the degree of agreement.

Please amend the paragraph beginning on page 3 at line 6 as follows:

The glass identification method pertaining to the third invention is the first ~~or second~~ glass identification method, wherein the target material and/or the specific substance group is a glass substrate used for a display.

Please amend the paragraph beginning on page 3 at line 10 as follows:

The glass identification method pertaining to the fourth invention is the first ~~or second~~ glass identification method, wherein the target material and the specific substance group include at least one element selected from potassium, calcium, iron, strontium, zirconium, barium, and hafnium.

Please insert the following paragraphs on page 3 at line 26 and before the BRIEF DESCRIPTION OF THE DRAWINGS:

The glass identification method pertaining to the sixth invention is the second glass identification method, wherein the target material and/or the specific substance group is a glass substrate used for a display.

This makes it possible to recycle display-use glass substrates.

The glass identification method pertaining to the seventh invention is the second glass identification method, wherein the target material and the specific substance group include at least one element selected from potassium, calcium, iron, strontium, zirconium, barium, and hafnium.

Since display-use glass substrates usually have distinctive contents of the above elements, the type of glass can be identified by analyzing these elements.